

# NEW YORK

## Science and Engineering Profile

	NY	U.S.	Rank		NY	U.S.	Rank
Doctoral scientists, 1995	36,935	453,928	2	Total R&D performance, 1995 (millions)	\$10,954	\$177,210	3
Doctoral engineers, 1995	5,425	86,738	3	Industry R&D, 1995 (millions)	\$8,651	\$130,332	3
S&E doctorates awarded, 1996	2,543	27,230	2	Academic R&D, 1995 (millions)	\$1,702	\$21,606	2
of which, in life sciences	25%	25%		of which, in life sciences	64%	55%	
in engineering	17%	23%		in engineering	11%	16%	
in social sciences	17%	15%		in physical sciences	9%	10%	
S&E postdoctorates, 1995	2,892	35,379	3	Higher education current-fund expenditures, 1995 (millions)	\$17,576	\$182,602	2
in doctorate-granting institutions							
S&E graduate students, 1995	38,875	436,328	2	Number of SBIR awards, 1990-1996	1,247	26,399	5
in doctorate-granting institutions				Patents issued to state residents, 1996	5,176	61,099	2
Population, 1996 (000s)	18,185	269,067	3	Gross state product, 1994 (billions)	\$571.0	\$6,876.0	2
Civilian labor force, 1996 (000s)	8,639	135,528	3	of which, agriculture	0%	2%	
Personal income per capita, 1996	\$28,782	\$24,231	5	manufacturing, mining, construction	15%	23%	
Federal spending				transportation, communication, utilities	8%	9%	
Total expenditures, 1996 (millions)	\$94,670	\$1,368,858	2	wholesale and retail trade	13%	16%	
R&D obligations, 1995 (millions)	\$2,581	\$67,080	8	finance, insurance, real estate	29%	19%	
				services	23%	20%	
				government	11%	13%	

Rankings and totals are based on data for the 50 states, D.C., and Puerto Rico.

Data on S&E postdoctorates and S&E graduate students include health fields.

## Federal Obligations for Research and Development in New York by Agency and Performer: Fiscal Year 1995

[Thousands of Dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
<b>Total, all agencies</b>	2,581,383	117,250	203,873	947,675	1,026,807	202,749	83,029	8
<b>Department of Agriculture</b>	31,828	14,650	0	80	15,584	1,514	0	16
<b>Department of Commerce</b>	21,434	181	50	18,221	2,814	41	127	13
<b>Department of Defense</b>	774,006	82,646	2,688	591,309	95,184	2,179	0	14
<b>Department of Energy</b>	572,819	14,000	199,269	293,116	53,623	12,811	0	3
<b>Dept. of Health &amp; Human Services</b>	910,325	485	0	14,433	647,377	170,992	77,038	4
<b>Department of the Interior</b>	5,335	4,972	0	64	274	25	0	27
<b>Department of Transportation</b>	15,059	0	65	5,723	2,743	1,324	5,204	11
<b>Environmental Protection Agency</b>	7,333	0	0	2,130	4,087	968	148	17
<b>Nat'l Aeronautics &amp; Space Admin.</b>	43,481	316	353	18,658	23,120	976	58	16
<b>National Science Foundation</b>	199,763	0	1,448	3,941	182,001	11,919	454	2
<b>State rank</b>	8	23	8	11	2	3	1	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable